

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038583.D
 Acq On : 05 Jun 2020 19:12
 Operator : SY/MD
 Sample : L2906-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7

Quant Time: Jun 06 00:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64710	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.93	69	60350	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	107959	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	300254	51.28	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	5.10	84	165738	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	97289	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	323296	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.72	67	102701	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	269214	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	37747	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.65	63	253510	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95544	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	115738	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

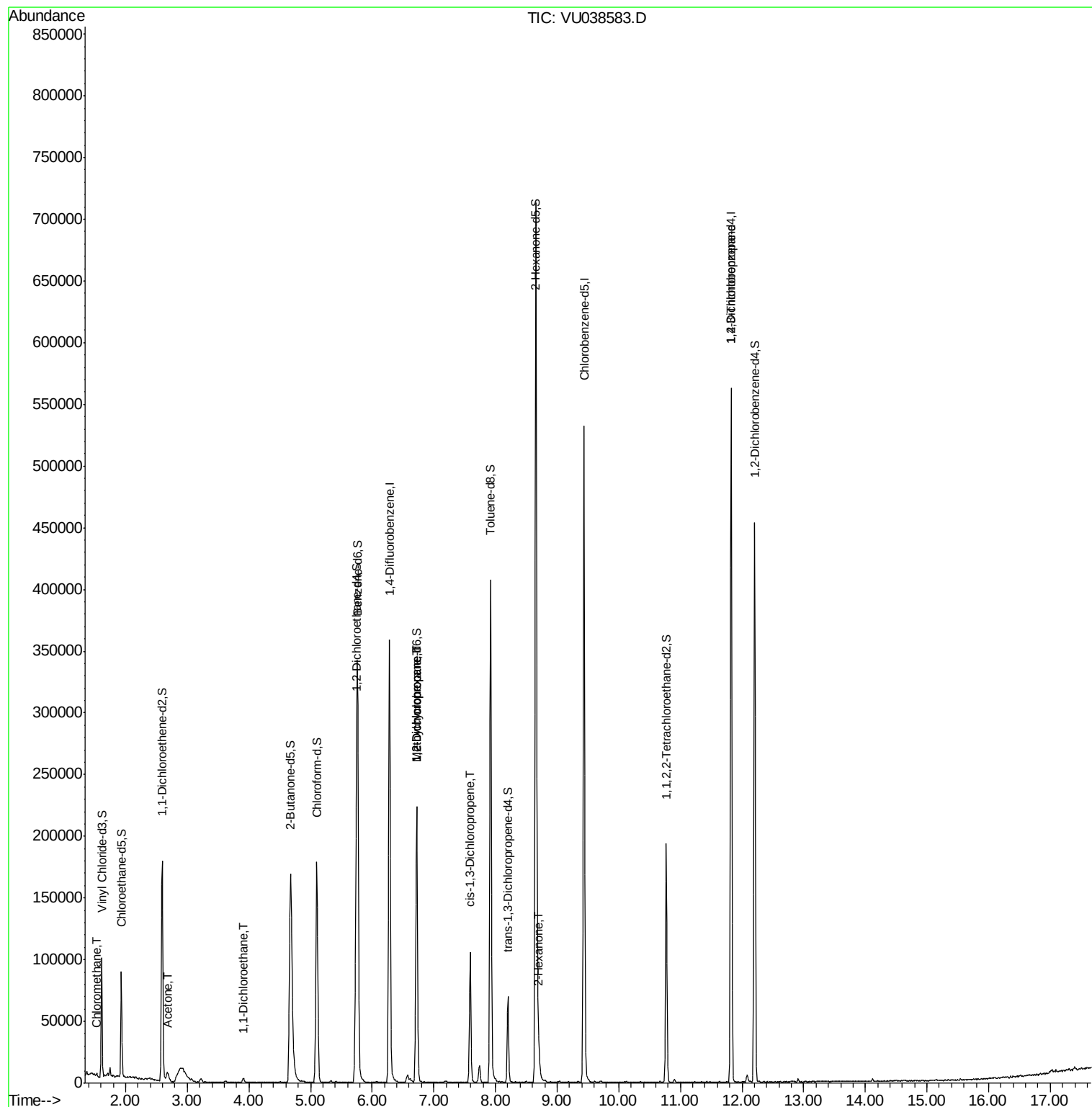
					Ovalue
3) Chloromethane	1.53	50	2075	0.096 ug/L	86
13) Acetone	2.68	43	13509	3.526 ug/L	98
19) 1,1-Dichloroethane	3.91	63	4128	0.117 ug/L	93
35) Methylcyclohexane	6.72	83	24702	0.741 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11258	0.540 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2742	0.089 ug/L #	20
48) 2-Hexanone	8.71	43	12407	1.098 ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	18713	1.202 ug/L	94

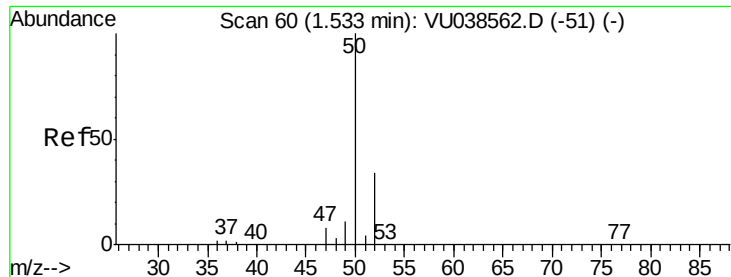
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038583.D

Acq: 05 Jun 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

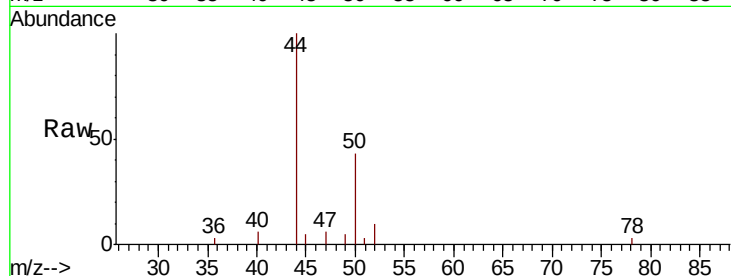
C0AE7

Tot Ion: 50 Resp: 2075

Ion Ratio Lower Upper

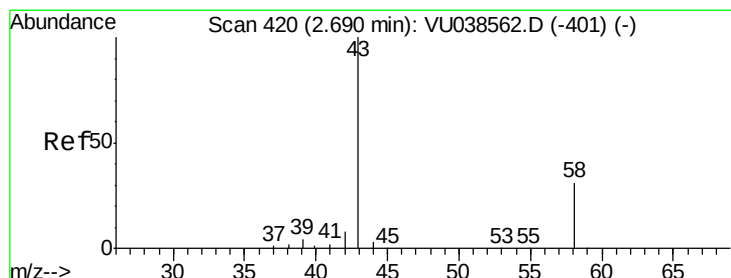
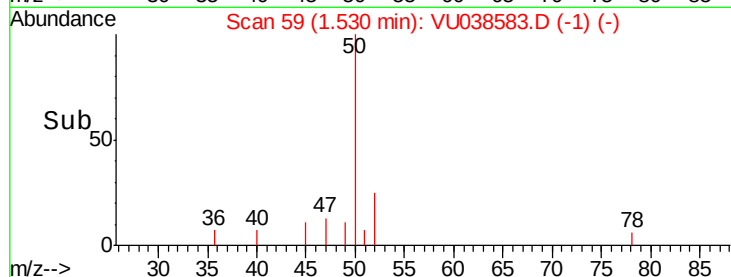
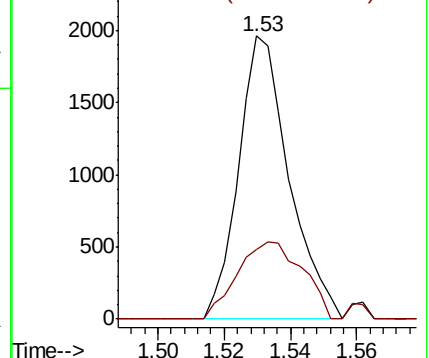
50 100

52 24.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 3.526 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

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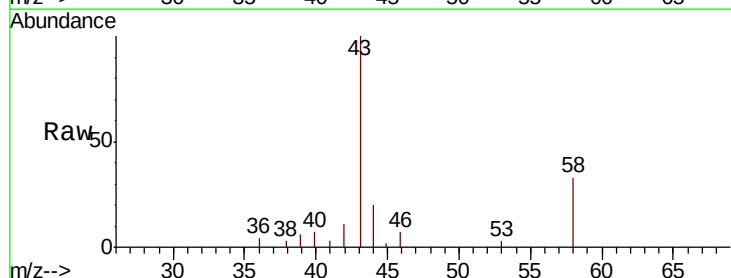
Acq: 05 Jun 2020 19:12

Tgt Ion: 43 Resp: 13509

Ion Ratio Lower Upper

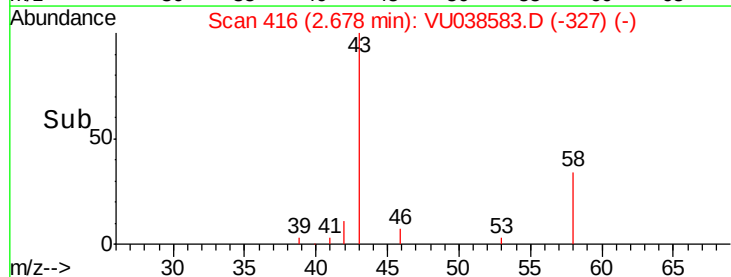
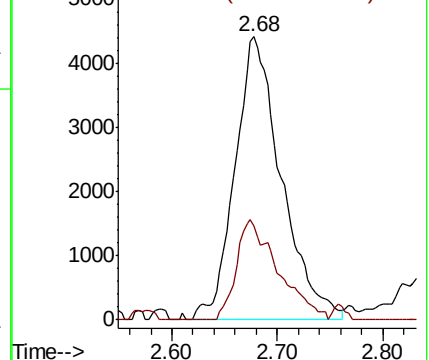
43 100

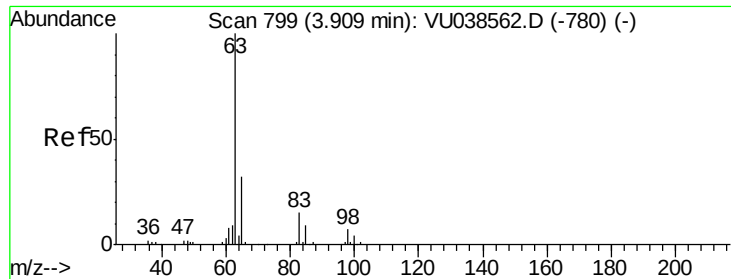
58 31.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

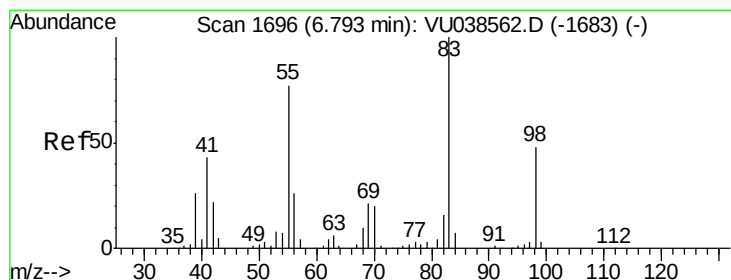
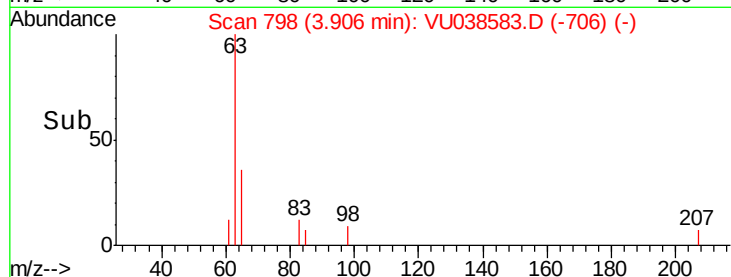
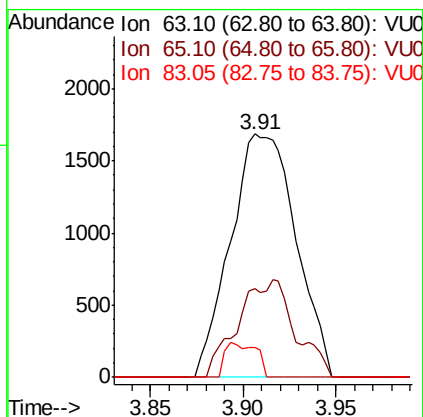
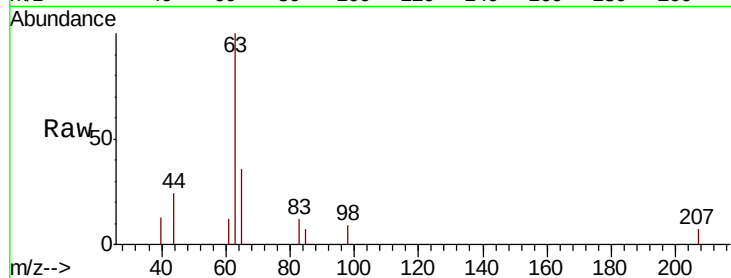




#19
 1,1-Dichloroethane
 Concen: 0.117 ug/L
 RT: 3.91 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: VU038583.D
 Acq: 05 Jun 2020 19:12

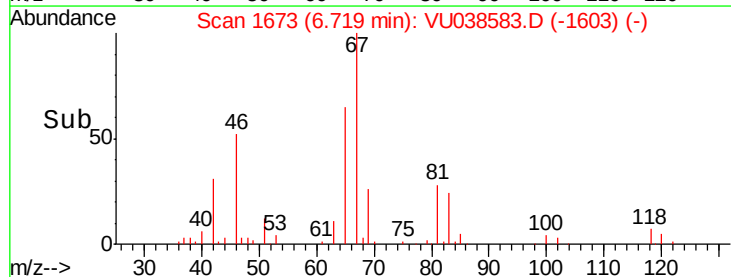
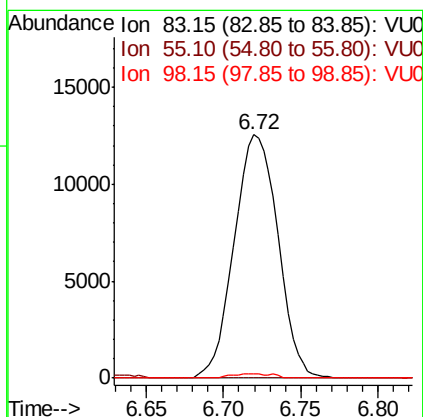
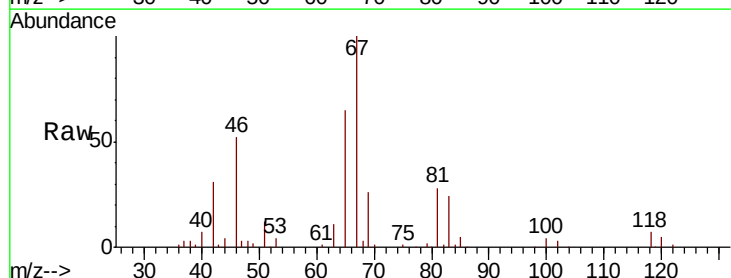
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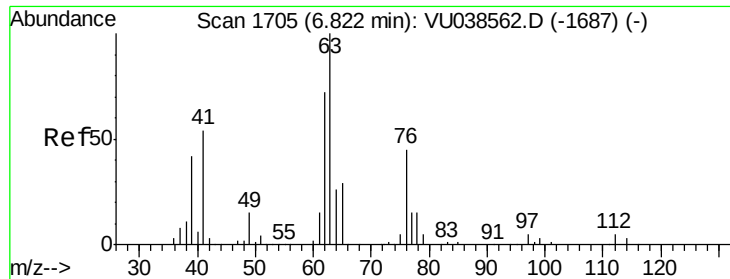
Tot Ion: 63 Resp: 4128
 Ion Ratio Lower Upper
 63 100
 65 36.2 22.3 41.5
 83 12.4 10.4 19.4



#35
 Methylcyclohexane
 Concen: 0.741 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038583.D
 Acq: 05 Jun 2020 19:12

Tgt Ion: 83 Resp: 24702
 Ion Ratio Lower Upper
 83 100
 55 0.7 63.4 95.2#
 98 1.3 39.0 58.4#

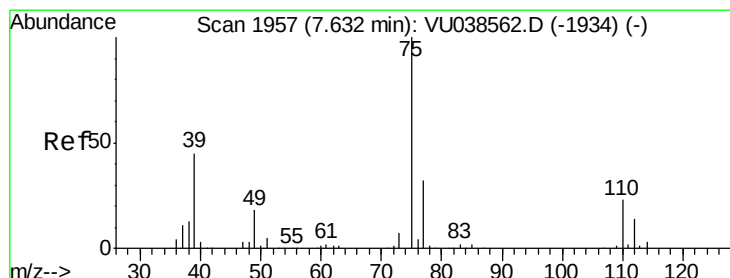
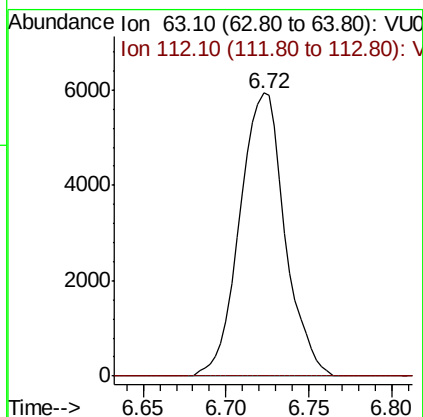
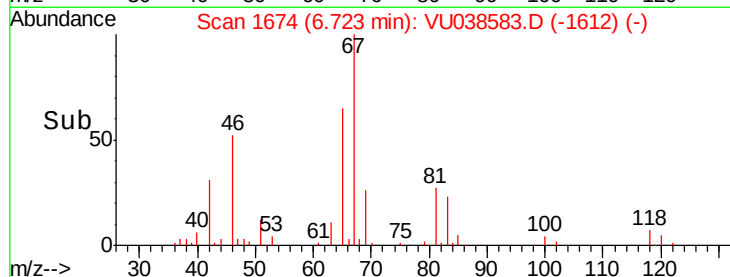
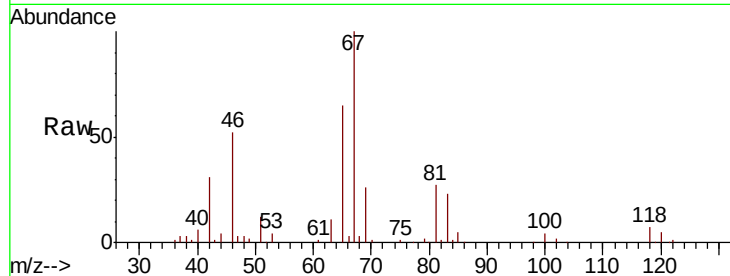




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038583.D
 Acq: 05 Jun 2020 19:12

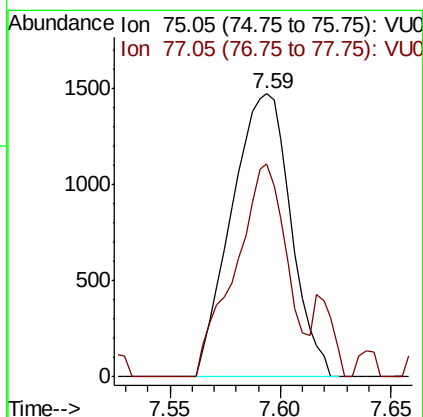
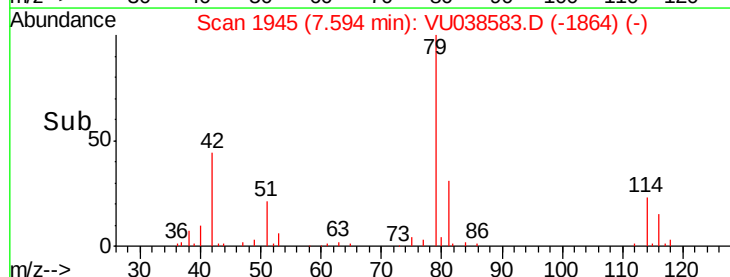
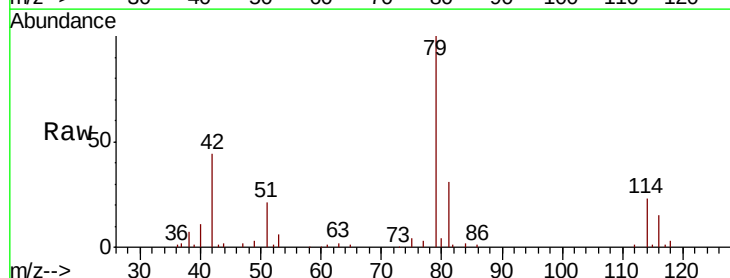
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 MSVOA_U
 ClientSampleID :
 C0AE7

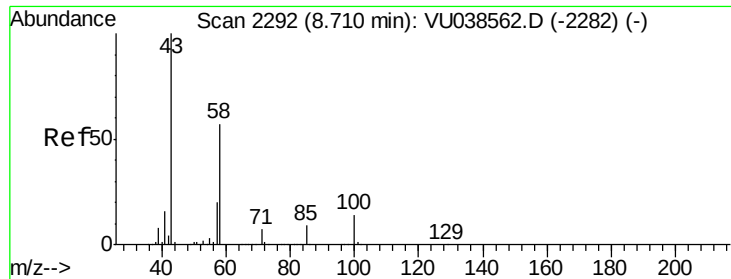
Tot Ion: 63 Resp: 11258
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038583.D
 Acq: 05 Jun 2020 19:12

Tgt Ion: 75 Resp: 2742
 Ion Ratio Lower Upper
 75 100
 77 75.4 21.9 40.7#

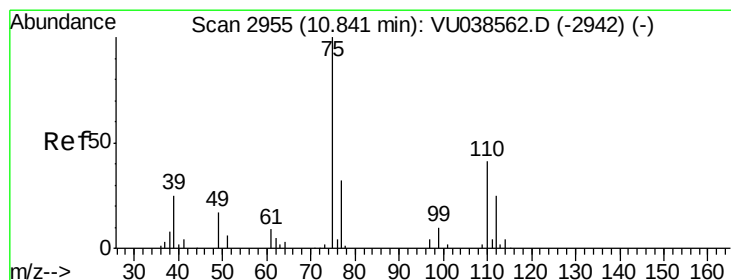
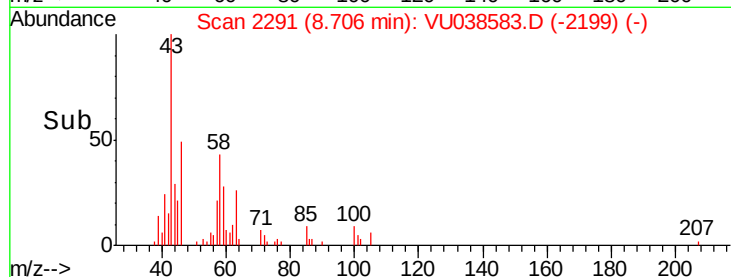
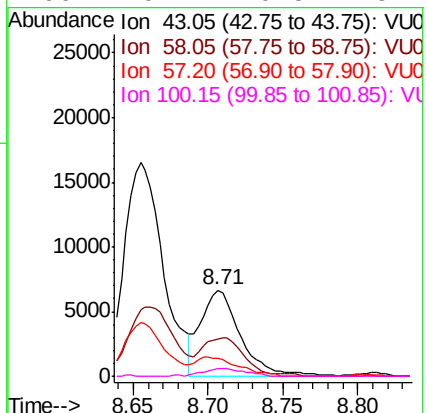
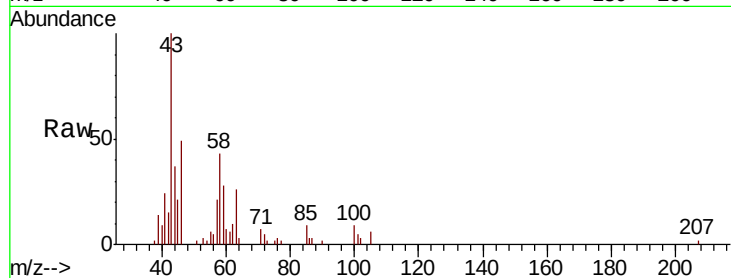




#48
2-Hexanone
Concen: 1.098 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038583.D
Acq: 05 Jun 2020 19:12

Instrument :
MSVOA_U
ClientSampleId :
C0AE7

Tot Ion: 43 Resp: 12407
Ion Ratio Lower Upper
43 100
58 47.1 45.4 68.0
57 23.9 15.9 23.9
100 9.2 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.202 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038583.D
Acq: 05 Jun 2020 19:12

Tgt Ion: 75 Resp: 18713
Ion Ratio Lower Upper
75 100
77 35.1 25.4 38.2

